

D1 / mobile stations, where even if the respective mobile station does not transmit any packet data for the duration of a current and next macroframe, the respective mobile station may transmit in the allocated time slot for signaling.

33. (THREE TIMES AMENDED) A base station system for configuring a radio interface between a mobile station and a base station of a time-division multiplex mobile radio system for packet data transmission, comprising:

a base station;

a plurality of mobile stations, wherein a transmission from a mobile station to the base station is defined as an uplink direction, and a transmission from the base station to a mobile station is defined as a downlink direction;

D2 a channel formed by at least one time slot per time-division multiplex frame, wherein the packet data transmission from the plurality of mobile stations takes place via the channel;

a macroframe formed from a combination of frames;

a time slot for signaling provided at cyclic intervals in the channel; and

a control device to allocate time slots to the plurality of mobile stations, wherein just one time slot for signaling in the uplink direction is allocated exclusively to a respective mobile station according to a predeterminable sequence of the mobile stations, the allocation being independent of any packet data transmission so that the mobile station may transmit in the time slot allocated for signaling even if the mobile station does not transmit any packet data for the duration of a current and next macroframe.

REMARKS

Reconsideration and allowance of the above-referenced application are respectfully requested.

I. STATUS OF THE CLAIMS

Claims 18 and 33 are amended herein.

In view of the above, it is respectfully submitted that claims 18-34 are currently pending and under consideration.